

AHMED IMAD TARQ

Full-Stack Developer (Backend-Focused)

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PROFESSIONAL SUMMARY

Full-Stack Developer experienced in building scalable web applications with backend-first architecture using ASP.NET Core (.NET 8), Laravel, and modern frontend stacks.

Strong in API design, JWT/API-key security, tenant-aware access control, third-party integrations, and resilient background processing.

Hands-on experience building multi-tenant fintech, logistics, and AI-enabled operations platforms with production-focused engineering practices.

Known for strong problem-solving, cross-functional collaboration, and delivering maintainable solutions aligned with business goals.

TECHNICAL SKILLS

Backend Development:

ASP.NET Core (.NET 8), Laravel, FastAPI, REST API Design, JWT/API-Key Authentication, RBAC, Tenant-Aware Authorization, Clean Layered Architecture

Realtime & Integrations:

SignalR, WebSocket Flows, WebRTC SDP, OpenAI Integration, Twilio Integration, Anthropic Claude & MCP Integration, Webhook Outbox/Retry Patterns, External Provider Integrations

Databases & Data:

PostgreSQL, SQL Server, Entity Framework Core, Database Design, Migrations, Usage Metering

Frontend Development:

Vue.js, React, JavaScript/TypeScript, Responsive UI Design, API Integration

Dev Tools & Engineering Practices:

Hangfire, Git/GitHub, Docker, Exception Handling, Logging, Unit Testing, Secure Secret Handling

PROJECTS

Nawa - Multi-Tenant AI Call-Center & Service Operations Platform

- Developed a multi-tenant AI operations API in ASP.NET Core (.NET 8) using layered Domain/Application/Infrastructure/API architecture with PostgreSQL.
- Implemented JWT and API-key security with tenant-aware authorization, middleware policy enforcement, and scoped access for user and service workflows.
- Built realtime AI interaction flows including chat, STT, TTS, WebRTC SDP exchange, and WebSocket-based telephony bridging integrated with OpenAI and Twilio.
- Engineered resilient integration infrastructure using policy-driven tool orchestration, webhook outbox/retry strategies, Hangfire background jobs, and auditable external action execution.
- Delivered billing and monetization workflows including usage metering, pricing logic, top-up/payment flows, billing cycles, and invoice lifecycle controls.

Sendy - Multi-Tenant Delivery & E-Commerce Operations Platform

- Developed a multi-tenant logistics and e-commerce API in ASP.NET Core (.NET 8) with PostgreSQL/EF Core using clean layered architecture - 163 controllers, 90 domain entities, and 55 database migrations, backed by 676 xUnit unit tests.
- Shipped every store capability on two surfaces - JWT for the dashboards and a parallel API-key surface for external store systems - guarded by 231 named permissions enforced across 679 endpoint checks, tenant-scoped, with per-key rate limiting.
- Built a pluggable provider framework integrating three delivery companies (Al-Waseet, Boxy, Hi-Express) and five payment gateways (QiCard, AsiaPay, ZainCash, Wayl, SwiftPayIQ) with HMAC-verified webhooks, per-store credentials, automatic order push/status sync via EF Core interceptors, and outbox/retry delivery tracking on Hangfire background jobs.
- Built real-time order tracking and customer chat over SignalR (3 hubs) with secure tokenized public tracking links, plus public storefronts on slug subdomains and Cloudflare-verified custom domains.
- Delivered omnichannel messaging - WhatsApp, Instagram, Messenger, and website chat normalized into one conversation model answered by the store's chosen AI agent (Anthropic Claude or OpenAI GPT) and metered per store

- for billing - plus an OAuth-secured MCP server with dynamic client registration exposing store operations to AI agents.
- Built the retail and fintech operations surface beyond delivery: inventory, purchase orders, suppliers and warehouses, a cashier POS with thermal label/receipt printing, KYC verification, support tickets, ratings, expense tracking, plus wallets, commissions, cash handover, payouts, invoices, and subscription billing.
 - Built five React 19 + TypeScript frontends (admin dashboard, driver app, landing/storefront, customer mini-app, and a Next.js developer-docs site), all Arabic/English.

Madhmoon - Fintech Innovation Project

- Co-developed a fintech concept for digital inclusion in Iraq with a multidisciplinary team, designing, validating, and pitching a high-impact solution under tight time constraints (Fintech Hackathon, Top 1).
- Strengthened product thinking, project execution, and technical communication from ideation through final pitch.

EDUCATION

B.Sc. in Mechatronics Engineering

UOB University

Oct 2023 - Jun 2027

EXPERIENCES

- **Pythoner Company - Full-Stack Software Developer (Aug 2025 - Oct 2025)**
Collaborated in an agile development environment across sprints, stand-ups, and code reviews while translating business requirements into technical solutions.
- **Qi Card (October 2025 to April 2026)**
Worked as a full-stack software developer using ASP.NET Core (C#), Vue, React, and Svelte; delivered mini apps end-to-end from requirement analysis and implementation to deployment on SuperQi over 6 months.
- **Sendy - Full-Stack Software Developer (April 2026 - Present)**
Building Sendy, a multi-tenant delivery and e-commerce operations platform (ASP.NET Core .NET 8, PostgreSQL, React 19): delivering end-to-end features across a 163-controller API and five frontends - admin dashboard, driver app, storefront, customer mini-app, and developer docs - including delivery-provider and payment-gateway integrations, custom-domain storefronts, real-time tracking, omnichannel messaging, and AI-powered store tooling.
- **The Empowerment Lab 'Jahiz' - Training Program (September 2025 to March 2026)**
Completed a structured training program focused on practical professional development.
 - Personal Branding Training - Focused on developing professional identity and communication skills.
 - Microsoft Office Workshop - Gained practical skills in Word, Excel, and PowerPoint.
 - Project Management Advanced - Learned planning, coordination, and teamwork foundations in project environments.
 - Communication and Leadership Skills - Improved presentation quality, teamwork, and problem-solving abilities.
 - Market Research - Developed practical skills in identifying market needs and analyzing opportunities.
 - Critical Thinking - Strengthened structured problem analysis and decision-making abilities.
 - Marketing - Learned core marketing concepts for positioning and communicating product value.
 - Sales - Built foundational sales communication and customer-oriented pitching skills.

ACHIEVEMENTS & ACTIVITIES

- **Fintech Hackathon (Madhmoon) - Top 1**
Madhmoon (fintech concept for digital inclusion in Iraq): Co-developed and pitched a high-impact solution with a multidisciplinary team under tight time constraints, taking first place.
- **Entrepreneurship Week Hackathon (Form Builder) - Top 2**
Built a form builder solution under hackathon constraints, focusing on usability, rapid execution, and collaborative delivery.
- **First ITS Hackathon (OCR) - Top 1**
NANO (AI OCR Platform): Co-developed an AI-powered Optical Character Recognition web application capable of extracting and digitizing text from images in real time, combining machine learning with a production-ready web interface.
- **Second ITS Hackathon (Core Banking System) - Top 2**
Co-designed and implemented a core banking system concept, addressing transactional flows, consistency requirements, and practical fintech use cases.

LANGUAGES

Arabic - Native

English - Professional Working Proficiency